May/June 1989 Volume 14, Number 3

A summary of recent news stories from the University of California, San Francisco

UCSF

News for You

Kidney Transplant Program Expands

Mikkel Aaland

Amanda Nazario with her primary nurse, 6 Long Surgery's Barbara Crays

Infants as small as 6.5 pounds can now undergo life-saving kidney transplant surgery at UC-San Francisco, the only medical center in Northern California—and one of only a half-dozen institutions nationwide—that has attempted transplanting kidneys in small children.

The new program is an expansion of the pediatric unit of the UCSF Kidney Transplant Service. More than 350 children have undergone transplantation through the unit, and of these, close to 50 have weighed between 14 and 30 pounds.

One of the most recent beneficiaries of UCSF's transplant expertise is two-year-old Amanda Nazario of Mountain View, who was born with a rare, usually fatal disorder in which her kidneys continually lost a protein called albumin. The condition caused a host of problems, including kidney disease, recurrent infections and dangerous accumulations of fluid in her lungs, abdomen and soft tissues. The only way to permanently control the protein loss was to remove Amanda's kidneys, a surgical option for her disease that had only been performed about 10 times before.

The UCSF Kidney Transplant Service headed by Oscar Salvatierra has performed more than 3,200 transplants in children and adults since it was established 25 years ago—making it the largest program of its kind in the world. For further information call 476-1551.

New Laser Blasts Birthmarks

Jerome Garden

Port wine stain before (left) and after laser treatment

A new laser at UC-San Francisco removes disfiguring birthmarks, known as port wine stains, without causing scarring or pain. UCSF is the only center in Northern California with this state-of-the-art technology.

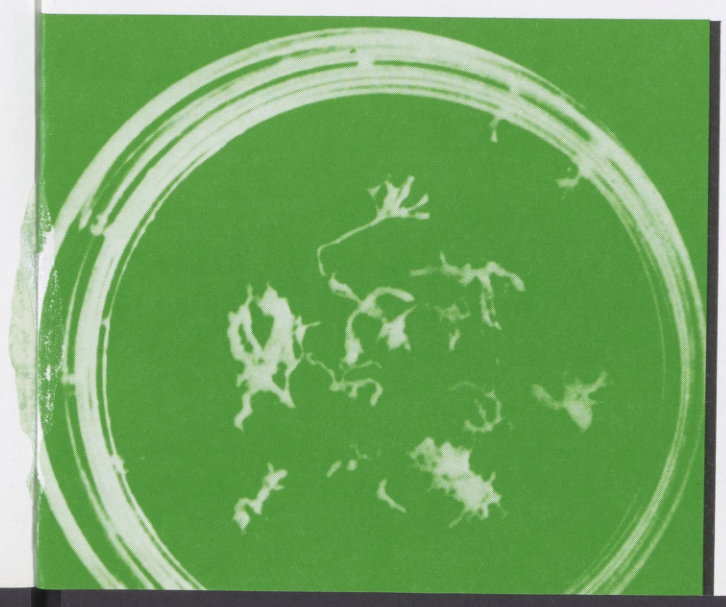
Patients require no anesthesia and, depending on the size of the mark—which is caused by abnormal blood vessel growth within the skin—can receive treatment in a series of outpatient visits, according to dermatological surgeon Roy Grekin. During these visits, laser technicians use a yellow-orange dye to focus light energy in a wavelength that only the color red absorbs—in this case the blood vessels. During absorption, the energy converts to heat, vaporizing the unwanted vessels. The laser pulse is so brief that not enough heat escapes to damage surrounding tissue.

Other lasers, particularly the carbon dioxide laser, can remove birthmarks, but surrounding skin may absorb laser energy, resulting in scarring. The carbon dioxide laser also requires the use of anesthesia.

The new procedure also works on certain skin tumors made up of blood vessels. It is not used on leg veins, however. For more information, call 476-2051.

Prenatal Test Found Safe in Study

Chorionic villus sampling (CVS) is a safe and reliable alternative to amniocentesis for prenatal detection of genetic disorders, a National Institutes of Health study co-authored by Mitchell Golbus, director of the Prenatal Diagnosis Program at UC-San Francisco, has concluded.



Sample of chorionic villi used in prenatal test

In 1983, UCSF became one of the first American medical centers to use CVS. Three years later, in an *American Journal of Obstetrics and Gynecology* article, Golbus and his team provided substantial evidence of the reasonable safety and reliability of the procedure. The latest study, reported in the March 9, 1989 issue of the *New England Journal of Medicine*, is a multigroup confirmation of these results.

The study of nearly 3,000 women, conducted at UCSF and six other major centers, found that the taking of a tiny sample of the placenta resulted in only a 0.8 percent greater chance of spontaneous abortion than amniocentesis—a difference not considered significant by statisticians, but one that couples still are advised to weigh.

The advantage of CVS, says Golbus, is an earlier diagnosis of genetic problems. CVS is performed between the 9th and 12th weeks of pregnancy. Amniocentesis is performed at about the 16th week, during the second trimester. For further information call 731-1070.

In Brief

Saliva Unlikely AIDS Culprit

Human immunodeficiency virus (HIV) is found so rarely in saliva that it seems an unlikely source for transmission of AIDS, say UC-San Francisco researchers.

The UCSF study, headed by Deborah Greenspan of the School of Dentistry, involved 73 gay men diagnosed with a distinctive mouth lesion called hairy leukoplakia, which now is recognized as a marker for later development of AIDS. Of the 23 tested for the presence of the virus in saliva, only one sample turned out positive.

The study also showed, however, that in one type of testing, saliva is a good source for detecting the presence of HIV antibodies. These antibodies indicate exposure to the AIDS virus but are not a diagnosis of the disease. This finding could prove very useful in Third World countries where information is needed on the spread of the AIDS virus and testing with blood samples is not feasible.

New Geriatrics Division

To help meet the growing needs for medical care of the elderly and to advance research on aging, the UC-San Francisco Department of Medicine has established a new Division of Geriatrics and Gerontology in collaboration with Mount Zion.

Claude Arnaud has been named chief of the new division, and will coordinate growth of patient care, teaching and research programs in geriatrics at the Parnassus site, Mount Zion, the VA Medical Center and San Francisco General Hospital.

Division chief Arnaud also will direct a new Center for Biomedical Research on Aging, with his offices and laboratories located at Mount Zion. The UCSF Department of Medicine and Mount Zion's San Francisco Institute on Aging will join forces in the Center to study how people age and the disabilities associated with aging.

Poison Center Interpreters

Interpreters in 130 languages—including Swahili and eight Chinese dialects—now are available at the UCSF-sponsored Poison Control Center Hotline located at the affiliated San Francisco General Hospital. The emergency service is available by phone on a 24-hour basis.

Call 476-6600 or toll free, if outside San Francisco and in the 415 and 707 area codes, 1-800-523-2222. If the caller cannot speak English, the toxicologist who answers will initiate a three-way telephone connection with the interpreter service.

It's Your Smile

If you are in good health, need your teeth cleaned, or even a gold cap, crown or silver filling, why not consider being a patient during UCSF's licensure examinations? On Sunday, June 25, Tuesday, June 27, and Sunday, July 9, dental treatment will be provided at no charge by graduates of the UCSF dental and dental hygiene programs. For further information call 476-2712 weekdays from 9 a.m. to 5 p.m., or 476-4946 after hours.

More News for You
on the back page

What's happening

May/June 1989
A bimonthly calen
events at UC San

UCSF-Laurel Heights Events

All events held in the auditorium at 3333 California St. Free parking available.

Fri., May 12
Just About All Jazz: Richie Cole with the Alto-Madness Quintet. $10 general; $8 UCSF faculty & staff; $7 seniors, Millberry Union members & students; $3 children under 14. 8 p.m. Call 476-2035 for ticket information, 476-2542 for concert information.

Thurs., May 25
Jazz for the Homeless. Eddie Marshalls on drums & vocalist Betty Blount join UCSF's "jazz doctors" in a benefit concert for SF's Health Care for the Homeless clinic. 8 p.m. $10.

Wed., June 14
Free Community Health Talk: "How the Brain Regulates Hunger & Body Weight." 7-8:30 p.m. Call 476-3206 for further information.

Frontiers In Medicine

Lectures for the public by UCSF faculty, co-sponsored by Congregation Emanu-El. Held at noon on Wednesdays at Temple Emanu-El, 2 Lake St. Call Judy Newman, 751-2535.

May 10
UCSF's Role in the Community. UCSF Chancellor Julius Krevans.

May 17
AIDS. Immunologist Jay A. Levy.

May 24
Neo-Natal Research. Pediatrician William A. Tooley.

May 31
Brain Tumor Research. Neurosurgeon Charles B. Wilson.

June 7
Organ Transplantation. Transplant surgeon Oscar Salvatierra.

Brown Bag Lectures

All lectures are free and held on Wednesdays at noon in Rm. 300 Health Sciences West, enter through 513 Parnassus. For further information call 476-4394.

May 3
Sensible, Lifelong Weight Control.

May 10
Artificial Blood Substitutes: Today or Tomorrow?

May 17
Dental Health & Nutrition.

May 24
Safe Fun in the Sun.

May 31
Reducing Your Cholesterol Levels by Modifying Your Diet.

June 7
Looking As Good As You Feel Through Plastic Surgery.

June 14
Heart Disease: Progress in Interventional Therapies.

June 21
Working & Loving: The Challenge of Couples Working Together.

June 28
Woman to Woman: From Sabotage to Support.

Recreation & Fitness

Over 100 classes including aerobics, weight management, body building, dance, yoga, massage, golf, tennis, special summer children's programs and much more! Summer quarter registration begins Mon., June 19, for Millberry Union members, Tues., June 20, for the public, at Millberry Union central desk, 500 Parnassus. For further information and a free brochure listing all classes call 476-1800.

UCSF Nursing's 50th

Events celebrating UCSF School of Nursing's 50th Anniversary. For details call 476-1223.

Tues., May 2
Lucile Petry Leone Distinguished Lecture: "Women's Health in Developing Countries: A Contradiction in Terms." Toland Hall, 533 Parnassus. 11 a.m.

Fri., May 5
Hispanic Nurse Symposium. Toland Hall, 533 Parnassus. 1 p.m.

Fri., May 19
Helen Nahm Research Lecture: "The Moral Art of Nursing Practice: Rights & Responsibilities in the Clinical Setting." Cole Hall, 513 Parnassus. 10 a.m.

Special Events

Thurs., May 11
Chauncey D. Leake Lecture: "Early Hematolymphoid Maturation in Mouse/Man." Stanford pathologist Irving L. Weissman. Cole Hall, 513 Parnassus. 3-4:30 p.m.

Tues., May 23
Matinee Cabaret: Joe Goode. The "bad boy" of modern dance. Cole Hall, 513 Parnassus. Noon.

Tues., May 30
Now I Speak: Prose & Poetry about Recovery from Incest. Toland Hall, 533 Parnassus, Noon-1 p.m.

Fri., June 16
Of Mountains & Molecules: A Tribute to Rudi Schmid. Symposium honoring UCSF School of Medicine's retiring dean. Cole Hall, 513 Parnassus. 2-4 p.m.

Cole Hall Cinema

All films are shown on Thursdays & Fridays in Cole Hall, 513 Parnassus. Children under 14 $2; UCSF students, seniors, & Millberry Union members $2.50; general $3. Call 476-2571.

Thurs., May 4, 5:45 & 8 p.m.
Fri., May 5, 6:30 & 8:45 p.m.
True Believer.

Thurs., May 11, 5:45 & 8:15 p.m.
Fri., May 12, 6:30 & 9 p.m.
Working Girl.

Thurs., May 18, 5:45 & 8:15 p.m.
Fri., May 19, 6:30 & 9 p.m.
Tap.

Thurs., May 25, 5:45 & 9 p.m.
Fri., May 26, 6:30 & 9 p.m.
Mississippi Burning. An open discussion of this controversial film follows the first Thursday showing.

Thurs., June 1, 5:45 & 8:15 p.m.
Fri., June 2, 6:30 & 9 p.m.
Torch Song Trilogy.

Thurs., June 8, 5:45 & 8:15 p.m.
Fri., June 9, 6:30 & 9 p.m.
Talk Radio.

AIDS Programs

Sponsored by UCSF AIDS Health Project. For more information call 476-6430.

Drop-in Support Groups and **Eight-Week Facilitated Groups.** For men & women with AIDS, ARC or HIV infection, in a risk group or otherwise affected.

Positives Being Positive. Anonymous support groups for people who have tested HIV positive but have not developed symptoms of AIDS or ARC.

Individual Risk Assessments & Referrals. By appointment.

Living With HIV. Public forums every other month on specific topics.

Mental Health Grand Rounds. Series of programs for mental health & health care professionals. First Friday of each month. Hartsook Rm., UCSF Center for Educational Development, 1855 Folsom St. 11 a.m.-1 p.m.

Community Health Talks

A series of free lecture/discussions held on Thursdays, 7-8:30 p.m. in Rm. 302 Health Sciences West, enter through 513 Parnassus. Free parking available. Call 476-3206 for further information.

May 4
Keeping Performers Healthy.

June 1
Stop Putting That In Your Mouth: Changing Compulsive Behaviors.

Senior Health Talks

Free lectures by UCSF staff geared to senior citizens. For further information call 476-3206.

Thurs., May 4
Insomnia. St. Phillip's Senior Center, 725 Diamond St. 11 a.m.

Wed., May 10
Communication with Your Doctor. Montefiore Senior Center, 3200 California St. 1 p.m.

Mon., May 15
Urinary Incontinence. Diamond Senior Center, 117 Diamond St. 11 a.m.

Tues., May 16
Improving Your Mobility. First Baptist Senior Center, 21 Octavia St. 1 p.m.

Tues., May 23
Hypertension. Calvary Presbyterian, 2515 Fillmore. 11 a.m.

Wed., June 14
Alzheimer's Disease. Beth Shalom Kosher Nutrition Program, 320 15th Ave. 11:45 a.m.

Low Vision Programs

Options for Action. Saturday events for the blind and visually impaired at the UCSF Clinical Eye Research Center, 374 Parnassus, 11 a.m.-1 p.m. For more information call Frances Neer at 626-5313.

May 6
Theatre for the Visually Impaired.

May 20
Using Libraries for the Print-Handicapped.

June 3
How to Use Docent Tours of the Golden Gate Park Arboretum.

June 17
Celebrating a Year Well Spent. First anniversary party.

June 24
Oakland Museum Docent Tour. Call 626-5313 for reservations.

Campus Tours

All tours are free and take place at 1 p.m. on Tuesdays, May 2, 9, 16, 23 & 30 and June 6, 13, 20 & 27. Meet in the lobby of Medical Sciences building, 513 Parnassus. For further information call 476-4394.

Summer Programs for Children & Youth

Discovery Day Camp.
Children ages 7-12 explore nature and science at exciting locations in the Bay Area. Mon.-Fri., 8 a.m.-5 p.m. in two week sessions beginning June 19 and ending Sept. 1. $215 general, $195 Millberry Union members. Call 476-1469.

Children's Recreation.
Classes in swimming, tennis, movement & dance, and more! Registration is Mon., June 19, for Millberry Union members, Tues., June 20, for the public. Call 476-1800 for details.

Children's Summer Film Series.
Fridays at 10:30 a.m., 1:30 & 6:30 p.m. Children under 12 $2; students, seniors & Millberry Union members $2.50; general $3. For special rates for groups of 10 or more call 476-2542.

Fri., June 30
Snow White & the Seven Dwarfs. This is your last chance to see **Snow White** before Disney withdraws it from circulation until 1995!

July & August films include **Bambi**, **The Fox & the Hound**, **The Land Before Time**, **Old Yeller** and **Oliver & Company**. See your next issue of *To Our Neighbors* for dates and times.

Summer Student Volunteer Program
Saturday orientations for young summer volunteers. Held in Rm. 214 Medical Sciences Bldg., 513 Parnassus. For further information call 476-1196.

June 3
College Students. Ages 18 & above. 10 a.m.-4 p.m.

June 10
Junior Volunteers. Ages 14-16. 10 a.m.-3 p.m.

June 17
High School Students. Ages 16-18. 10 a.m.-4 p.m.

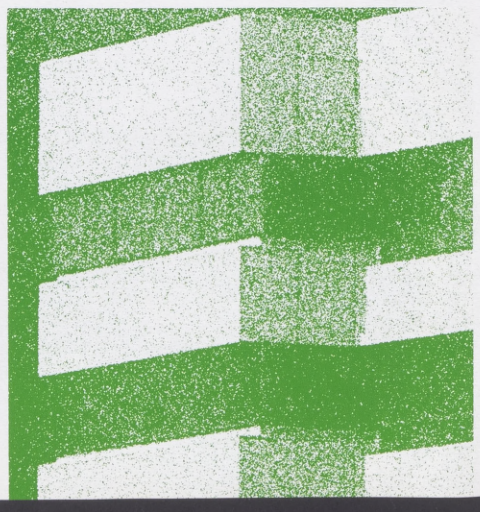
Volunteer Orientation

Tuesday programs to acquaint new & prospective volunteers with opportunities available in the Medical Center at UCSF. For further information call 476-1196.

May 2
Rm. 169 Moffitt Hospital. 505 Parnassus. 6-8 p.m.

May 16
Rm. 191 Long Hospital. 505 Parnassus. 9:30-11:30 a.m.

June 6
Rm. 169 Moffitt Hospital. 505 Parnassus. 1-3 p.m.



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Breast Cancer Screening

Women can have low-cost mammograms—x-rays to screen for breast cancer—from a mobile van that travels to convenient Bay Area locations. The procedure takes approximately 20 minutes and costs $50. Your physician's approval required. For appointments call 990-0459 or 476-2193 between 9 a.m. and 3:30 p.m.

May 1-2
Diamond Heights Blvd. Near Safeway.

May 3-5
CSU-Hayward. Near the Student Health Dept.

May 8-12
Sunset district. On Irving St. between 25th & 26th Aves.

May 15-19
Richmond district. On 7th Ave. between Geary & Clement.

May 22-26
Marina Green. In the parking lot near Ft. Mason.

May 30-June 2
Taraval St. Between 17th & 18th Aves. (May 29 is a holiday.)

June 5-9
Embarcadero. On Drumm St. between Sacramento & Clay.

June 12, 14-16
UCSF-Laurel Heights. 3333 California St., in the parking lot.

June 13, morning
Health Center #3. 1525 Silver Ave. Call 468-3664 for appointments.

June 13, afternoon
South East Health Clinic. 2401 Keith St. Call 822-2850 for appointments.

June 19-23
Westlake Shopping Center, Daly City. Park Plaza Dr., next to Safeway.

June 26-30
Sunset district. On Irving St. between 25th & 26th Aves.

Women's Programs

Events & workshops sponsored by UCSF Women's Resource Center. For further information call 476-5836.

Tues., May 2
Chicanas & Reproductive Technologies: Who's In Charge Here? Cole Hall, 513 Parnassus. Noon-1 p.m. (Special event in observance of Cinco de Mayo—Mexican Independence Day.)

Thurs., May 18
Recapturing the Joys of Parenting. Toland Hall, 533 Parnassus. Noon-1 p.m.

Sat., May 20
Speak Up, Woman! A communications skills workshop. Rm. 130, Clinical Sciences, 521 Parnassus. 11 a.m.-2 p.m. $15-$30. Pre-registration required.

CPR Training

"Save A Heart" Program. Cardiopulmonary resuscitation courses sponsored by the UCSF CPR Center. Rm. 229, Nursing Bldg., enter through 513 Parnassus. Classes begin at 9 a.m. and last 3 to 4 hours. $20 plus $5 for one additional family member through the end of May. For registration information call 476-1817.
Sat., May 13 & June 10
Thurs., May 25 & June 1
Fri., June 23

UCSF

University of California, San Francisco
News and Public Information Services
513 Parnassus Avenue
San Francisco, CA 94143-0462

After spending the night in jail, Allan could no longer ignore the symptoms.

There had been warning signs.

A ringing in his left ear. A loss of balance. A little deafness. But when an examination revealed nothing definite, 33-year-old Allan Legoll rationalized the symptoms away.

Then came the night in Marin County when the police were not so forgiving. While they found no trace of alcohol, they did see Allan swerve on the freeway. And once Allan was out of the car, they noticed that his left eye quivered. When he failed coordination tests, they arrested him for drunk driving.

Allan spent the night in jail, no longer able to ignore the occasional numbness in his hands and the tight, tingling sensation, like a sunburn, on his face—and what these problems might mean to his new career as a chef at Borel's, a well-known Peninsula restaurant.

On a friend's advice, he walked into the Ambulatory Care Center at UC San Francisco. The doctors, alarmed at his condition, admitted Allan to Moffitt/Long Hospitals for evaluation. One test done—magnetic resonance imaging which creates images from the magnetic properties of tissue—revealed the true picture.

An intracranial tumor—called an acoustic neuroma—was growing along Allan's eighth, or cochlear-vestibular, nerve causing dizziness and loss of hearing. It also was pressing against the facial nerve and the brain stem.

The tumor was one of the largest of its kind ever seen at UCSF—about the size of a lemon. Although benign, it would prove fatal if left to grow.

Luckily for Allan, UCSF is a regional acoustic neuroma referral center. Each year, about 35 acoustic tumors are removed by a specialized team, consisting of neurosurgeon Lawrence Pitts, neuro-otologist Robert Jackler and electrophysiologist Charles Yingling. Because the nearby nerves are like thin strands of spaghetti, the surgery to remove such a tumor is taxing and delicate.

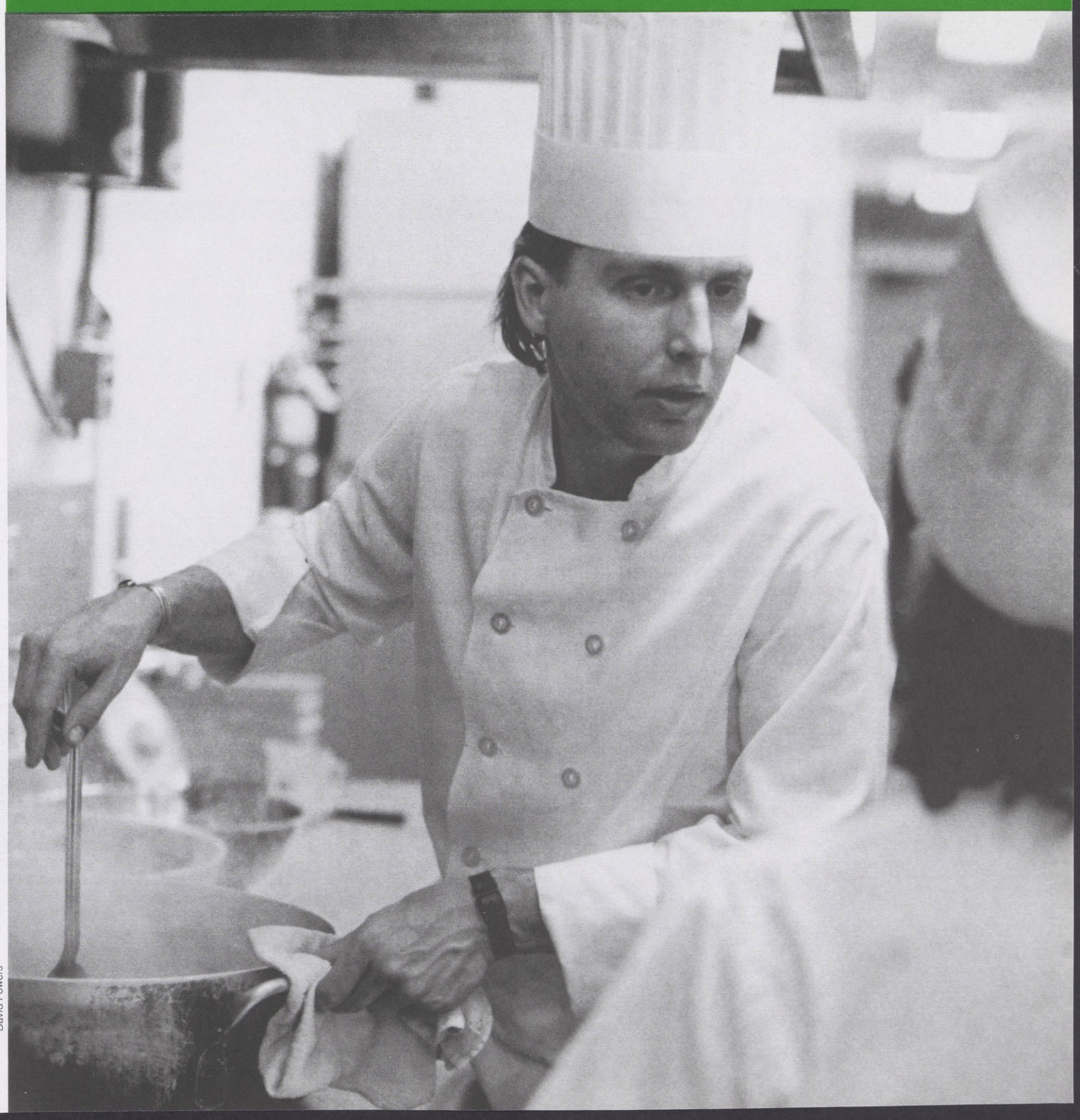
Allan's tumor was particularly difficult to remove. After 11 hours, and only half of their work done, the surgeons stopped. Three weeks later, they removed the rest of the tumor in an exhausting 14-hour session. Unfortunately, the tumor had so entwined itself with the facial nerve that it, too, had to be removed, leaving Allan without muscle control on the left side of his face.

Jackler partially repaired this problem during yet a third surgery, called nerve anastomosis. He disconnected the 12th nerve from the left side of Allan's tongue and connected it to the remaining facial nerve to allow some movement of the facial muscles.

A year after his arrest—charges were subsequently dropped—Allan finally made it to Borel's. He now works as a night chef, supervising a large kitchen staff.

Some problems remain. His left eyelid droops slightly and he has no hearing in his left ear. But Allan's life is back on track. And thanks to the skill of UCSF physicians, he plans to keep it that way.

—Marshall Krantz



David Powers

To Our Neighbors

May/June 1989

Campus plans anniversary party—and you're invited

New laser blasts birthmarks

World's largest kidney transplant program gets even bigger

UCSF

University of California, San Francisco
513 Parnassus Avenue, San Francisco, CA 94143-0462

More News for You

UCSF and Mount Zion Move Closer to Integration

The UC Board of Regents at its March 17 meeting voted to have an environmental impact report prepared on the proposed integration between UC-San Francisco and Mount Zion. No University decision on integration will be made until the Regents have reviewed and considered all such environmental and implementation documents and have the advice and recommendation of the UC President, probably by the end of the year.

The boards of Mount Zion Health Systems and Mount Zion Hospital and Medical Center had met on March 14 and voted unanimously to pursue the proposed integration.

"The entire community would benefit from the combination of Mount Zion and UCSF to provide patient care, teaching and research," said David H. Melnick, chair of the Mount Zion Board of Directors. "Many of the Mount Zion medical staff already are members of the UCSF faculty. We feel this partnership is a natural extension of a longstanding relationship."

To keep pace with the most advanced medical technology and patient care needs, UCSF has been looking toward developing new programs in certain medical specialty areas. These plans would not be feasible without additional space.

For example, a comprehensive cancer program at Mount Zion would provide a variety of therapeutic treatments, radiology and other diagnostic procedures for patients. A collaborative research program would speed the search for treatments for this dread disease.

Another possibility for a more unified effort would be a new pediatric rehabilitation and chronic care program developed at Mount Zion to care for children who are developmentally disabled, in need of acute care and rehabilitation, or who have been discharged from intensive care units with some chronic or continuing disability. Such a program is badly needed in the community. The program could build on current strengths at both institutions.

Also under discussion are combined diabetes patient education programs and residency programs.

Campus Celebrates 125th Anniversary

We at UC-San Francisco will celebrate our 125th anniversary this year and residents from all over San Francisco are invited to join the festivities.

A special kickoff event will take place on our Parnassus campus Saturday, October 14, when we will have entertainment and celebrities, tours and demonstrations on hospital units and research laboratories and a huge health and science fair.

"In celebrating our anniversary we want to give the city of San Francisco some special birthday presents," said Chancellor Julius R. Krevans. Among them will be the announcement of an expansion to three years of our Science Education Partnership (SEP) program between UCSF volunteer faculty and students and science teachers in the public schools. The purpose of the partnership is to advance the teaching of science. Prizes are awarded for the best science lessons developed by student teams.

Another gift to the city will be "Save-a-Life" Saturday on September 23 at which thousands of San Franciscans will be taught CPR (cardiopulmonary resuscitation) before the game at Candlestick Park. It will be co-sponsored by the S.F. Giants.

Other events planned for the year will be "hands-on" exhibits at the Exploratorium, Academy of Sciences, and various shopping malls. Scientific lectures include one by Stephen Jay Gould and French Nobel laureate Francois Jacob. UCSF also will be sponsoring the International AIDS Conference, scheduled for June 1990 in San Francisco.

UCSF CELEBRATES 125